

7-SUBSTITUTED TRIAZOLOPYRIMIDINE DERIVATIVE AND ITS PREPARATION

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Abstract of JP56131587

NEW MATERIAL:A 7-substituted triazolopyrimidine derivative of formula I [R is group of CN, p-tolylsulfonyl, -COR1 (R1 is amino or substituted amino), etc.]. EXAMPLE:7-(p-Tolylsulfonyl)-3-phenyl-3H-1,2,3-triazolo[4,5-d]pyrimidine. USE:An antitumor agent. PROCESS:A triazolopyrimidine of formula II (X1 is halogen) is reacted with an alkali cyanide or a salt of p-toluenesulfinic acid in a solvent, e.g. DMF, under cooling with ice to room temperature to give a compound of formula Ia (R4 is cyano or p-tolylsulfonyl).

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